CCR No. *98-0311*	Logged Date *2/20/98*	Rev. -	Request Type CCR

Priority	Routine [X]		Emergency [ ]	Affected Release 2.0	Change Class II

Title (description)
Baseline and implement Secure Shell in all ECS environments

Documents Affected	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference
COTS baseline, Hardware/Software mappings	ECSed10643 *HC =FY -2696*
Port mappings	ECSed09857

RTM Change [ ] **Start New Baseline** [ ]

Problem

With the abandonment of Kerberos by **external** interfaces, there is a significant need to provide a replacement secure method of interactive access to ECS DAAC resources. There are at least two NCRs from the DAACs requesting such a product be provided and that it be compatible with a communications package called Secure Shell. The replacement product must be available and supported on all ECS UNIX servers and Microsoft Windows clients.

Proposed Solution

The TSIWG recommends implementing Secure Shell version 1.2.22 on ECS hosts. A public domain version has been packaged for use on ECS SGI and Sun hosts that are not covered by a separate CCR to purchase Secure Shell for customer/high priority hosts. The attached implementation plan describes the package and how it is to be integrated into ECS.

Need date: March 30, 1998

Impact Analysis:

Organizations Affected:

BOO [ ]	Contracts [ ]	ECS Chief Eng [ ]	FOS [ ]	M&O [X]
Procurement [ ]	QO [ ]	Rel. Dev(IDG) [X]	Rel. A [ ]	Rel. C [ ]	SCDO Arch. [X]
Science Off [ ]	Security [ ]	Subcontrct [ ]	Sys. Eng [X]	Sys Verf Acpt [ ]

Cost:	None [X]	Small [ ]	Medium [ ]	Large [ ]
		(Not exceeding $100.000)	$100,000 to $500,000)	(Over $500,000)

Schedule: None [X] Other

Additional LOC _____ Man-Months _____

Materials

Originator Byron V. Peters	*Byron V Peters*		02/20/98
	Signature		Date

Office _____ Office Manager			2/20/98
	Signature		Date

Disposition Approved [X] Approved w/Comment [ ] Forward [ ] Disapproved [ ]

Comments:

CCB Chairperson	*TW Fisher*		2/24/98
	Signature		Date